

CORRECTED VERSION

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
16 December 2004 (16.12.2004)

PCT

(10) International Publication Number
WO 2004/107917 A1

(51) International Patent Classification⁷: A47C 1/024

(21) International Application Number:
PCT/KR2004/001201

(22) International Filing Date: 20 May 2004 (20.05.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10-2003-0032799 23 May 2003 (23.05.2003) KR
10-2004-0033481 12 May 2004 (12.05.2004) KR

(71) Applicant (for all designated States except US): MAN-PLUS CO., LTD. [KR/KR]; Changwon National University 58-326, #9, Sarim-dong, Changwon-si., Gyeongsangnam-do, 641-773 (KR).

(72) Inventor; and

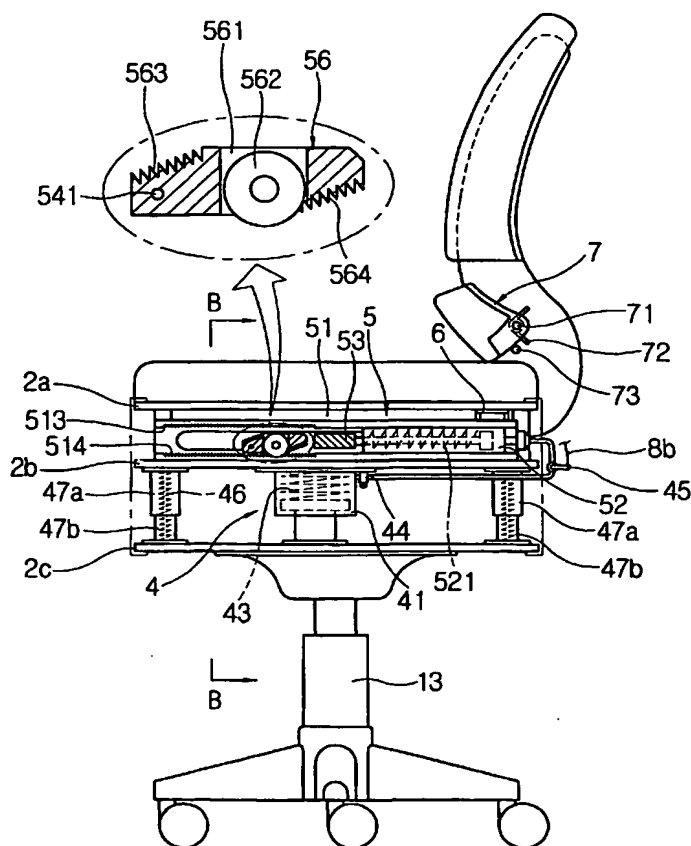
(75) Inventor/Applicant (for US only): LEE, Jong-Ho [KR/KR]; 306-1003 Wonpung Byeoksan APT, #125, Pa-lyong-dong, Changwon-shi., Kyoungsangnam-do 641-465 (KR).

(74) Agent: KIM, Seok-Yun; RM202, Hwain B/D, #824-29 Yoksam-dong, Kangnam-gu, Seoul 135-934 (KR).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

[Continued on next page]

(54) Title: CHAIR HAVING AUTOMATICALLY ADJUSTABLE BACKREST



(57) Abstract: The present invention relates to a chair having an automatically adjustable backrest for thereby preventing various backbone-related diseases, and in particular to a chair having an automatically adjustable backrest for thereby preventing various backbone-related diseases in which a user's backbone is safely protected in such a manner that a chair backrest is automatically adjusted based on a user's weight, and a user's back is safely supported, so that a user can sit in an upright posture even when a user sits in a seat in a state that a user's back is not properly supported by a backrest of a chair wherein a user uses various kinds of chairs including a seat that has four legs supported by the floor or that is adjustable in a forward or backward direction in a vehicle.



(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

(48) Date of publication of this corrected version:

3 March 2005

(15) Information about Correction:

see PCT Gazette No. 09/2005 of 3 March 2005, Section II

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.